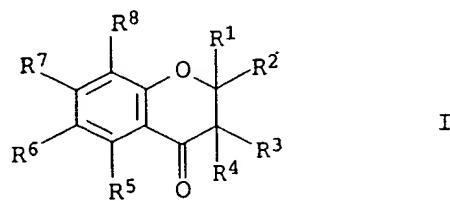
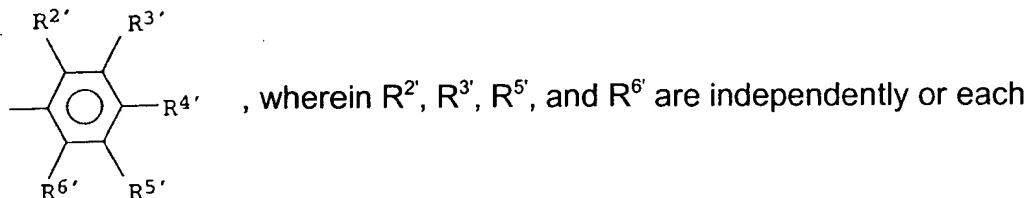


**COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION**

1. (currently amended) A composition for inhibiting COX-2 biosynthesis or COX-2- and NF<sub>x</sub>B-biosynthesis comprising a therapeutically effective amount of the compound of the formula I



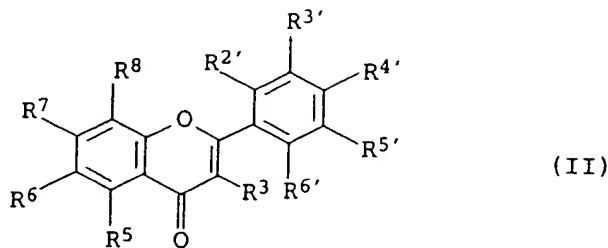
wherein R<sup>1</sup> and R<sup>4</sup> represent either Hydrogen or together a bond, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> represent independently of each other Hydrogen, Hydroxy or Methoxy; in addition R<sup>7</sup> represents a sugar substituent, R<sup>2</sup> and R<sup>3</sup> represent Hydrogen, Hydroxy, Methoxy or



other Hydrogen, Hydroxy or Methoxy, wherein R<sup>4'</sup> is H, flavone, 5-OH-flavone, 7-OH-flavone and 7,8-(OH)<sub>2</sub>-flavone, with the proviso, that R<sup>2</sup> or R<sup>3</sup> is represented by the optionally substituted Phenyl-ring and a pharmaceutically acceptable carrier.

2. A composition for inhibiting COX-2 biosynthesis or NF<sub>o</sub>B-biosynthesis or NF<sub>o</sub>B and COX-2 biosynthesis comprising a therapeutically effective amount of the

compound of formula II.



wherein R<sup>3</sup> represents Hydrogen, Hydroxy or Methoxy and R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>2</sup>, R<sup>3'</sup>, R<sup>4'</sup>, R<sup>5'</sup>, R<sup>6'</sup> are as given in claim 1 and a pharmaceutical acceptable carrier.

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Content
3. (currently amended) A method for inhibiting COX-2 biosynthesis or COX-2 biosynthesis and NF $\kappa$ B biosynthesis in a patient comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 1.
  4. (currently amended) A method for inhibiting COX-2 biosynthesis or COX-2 biosynthesis and NF $\kappa$ B biosynthesis in a patient comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 2.
  5. A method for treating inflammation, rheumatoid arthritis, osteoarthritis, comprising administering to a therapeutically effective amount of a compound of claim 1.
  6. A method for treating pain, fever, inflammation, rheumatoid arthritis, osteoarthritis, adhesions, cardiovascular diseases, Alzheimer's disease, sepsis, diabetes, comprising administering to a therapeutically effective amount of

compound of claim 2.

7. A method for prevention of inflammation, rheumatoid arthritis, osteoarthritis comprising administering of an effective amount of a compound of claim 2 as an oral composition or as nutrient preparation.
8. Food enriched with a compound of claim 1.
9. Food enriched with a compound of claim 2.
10. Food enriched with flavone.
11. Nutritional substance comprising a compound of claim 2.
12. Nutritional substance comprising flavone.

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